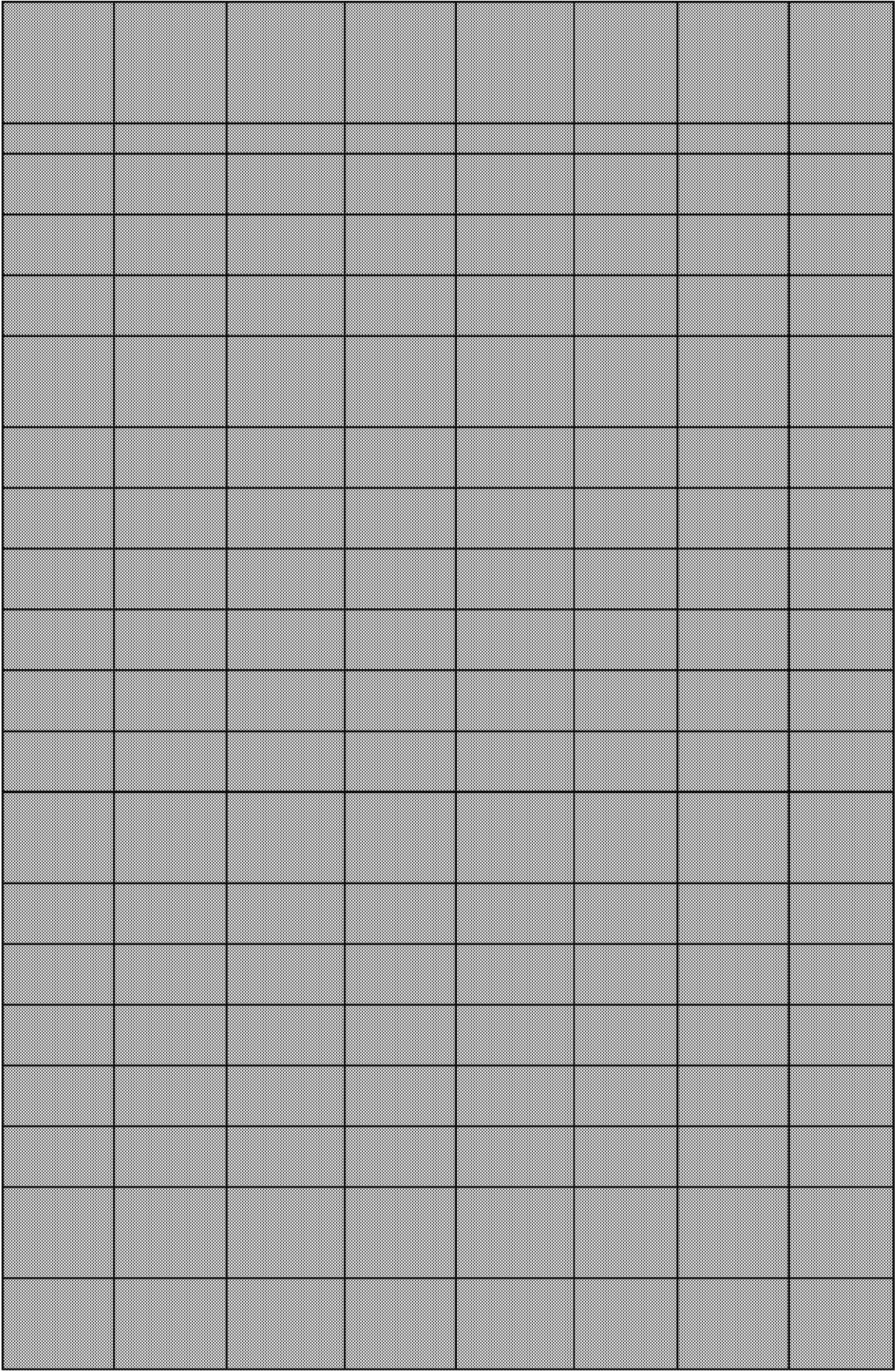


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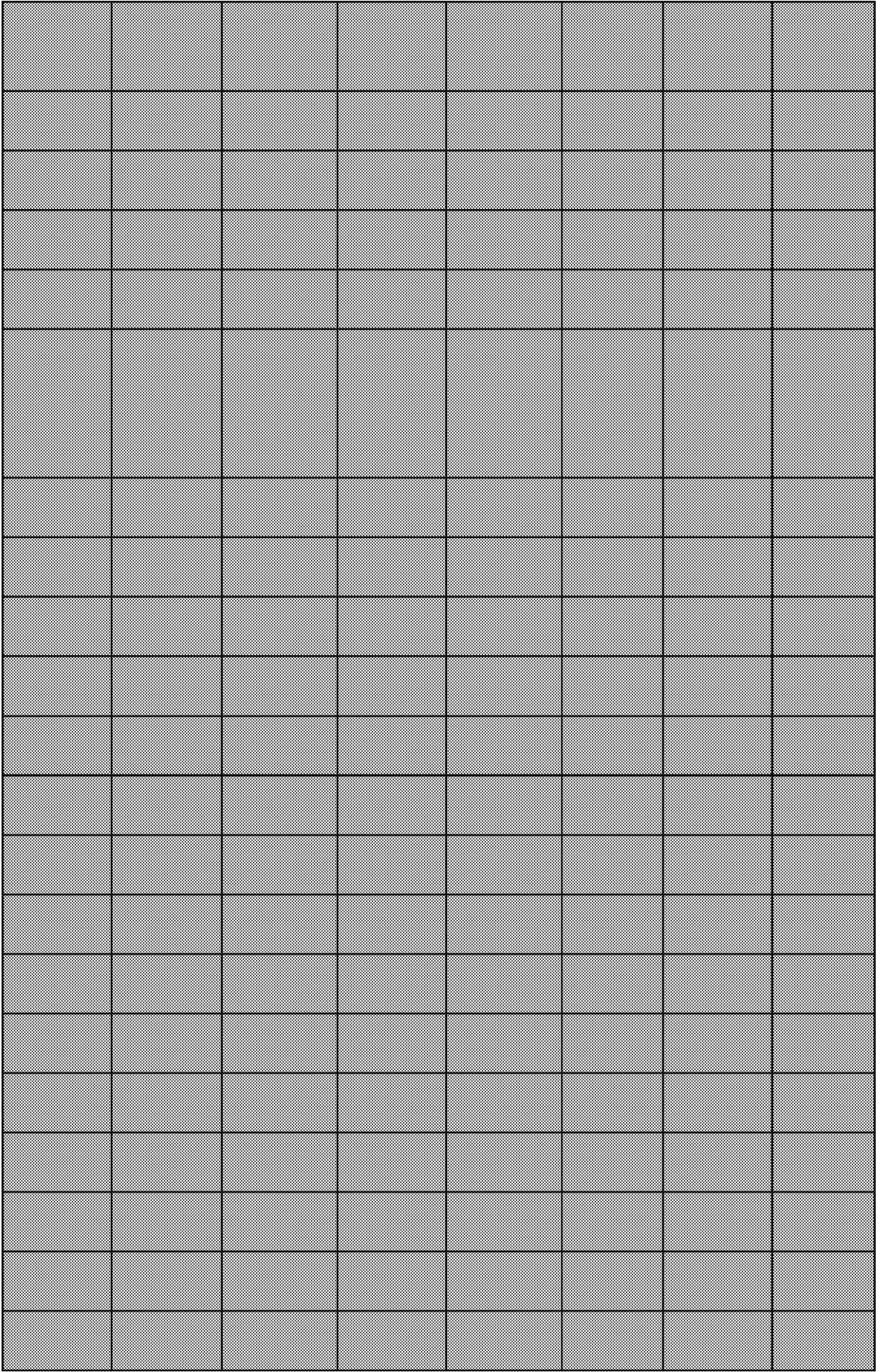
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A. De Michele G. Santorelli F. D'Arienzo G. Mengano A. Cavalcanti F. Campanella G. Filla. Effects of 1 methyl-4-phenylpyridinium ion on mitochondrial metabolism in frog brain. Med Sci Res. 1990. 18:415-416
I. Adamo R. F. Sobolewski P. Levy R. J. Fishbein. Intravital assessment of ROS production in rat vasculature by optical imaging. Arteriosclerosis, Thrombosis, and Vascular Biology. 2010. 30:e194
Aron B. Fisher. Peroxiredoxin 6 as an Anti-oxidant Enzyme. RePORTER Database National Institutes of Health. 2008. #volume#:#pages#
Aron B. Fisher. Peroxiredoxin 6 as an Anti-oxidant Enzyme. RePORTER Database National Institutes of Health. 2009. #volume#:#pages#
Vanessa A. Fitsanakis. Neurotoxicity of Maneb and Roundup. RePORTER Database National Institutes of Health. 2008. #volume#:#pages#
R. A. Pye Q. N. Schneider J. E. Wood K. L. Poyer J. L. Maidt M. L. Watson J. J. Wong P. K. Floyd. Conditions influencing the 8 hydroxyguanine content of microsomal rna and mitochondrial and nuclear dna and rna. Meeting on Oxidative Damage and Repair Held at the 5th Biennial Meeting of the International Society for Free Radical Research, Pasadena, California, USA, November 14-20, 1990. Free Radical Biol Med. 1990. 9:49
K. Fodor-Csorba. Chromatographic methods for the determination of pesticides in foods. J Chromatogr. 1992. 624:353-367
N. P. Correa Aragunde N. Caló G. Salerno G. Lamattina L. Foresi. Nitric oxide generation by the unicellular marine green alga. Biocell. 2010. 34:141
P. G. Parkinson A. Thaete L. G. Malkinson A. M. Forkert. Resistance of murine lung tumors to xenobiotic-induced cytotoxicity. Cancer Res. 1992. 52:6797-6803
Henry J. Forman. Glutathione synthesis and uptake in antioxidant defense. RePORTER Database National Institutes of Health. 1991. #volume#:#pages#
Henry J. Forman. Glutathione synthesis and uptake in antioxidant defense. RePORTER Database National Institutes of Health. 1992. #volume#:#pages#
Henry J. Forman. Glutathione synthesis and uptake in antioxidant defense. RePORTER Database National Institutes of Health. 1993. #volume#:#pages#
Henry J. Forman. Glutathione synthesis and uptake in antioxidant defense. RePORTER Database National Institutes of Health. 1994. #volume#:#pages#
Henry J. Forman. Glutathione synthesis and uptake in antioxidant defense. RePORTER Database National Institutes of Health. 1995. #volume#:#pages#
Henry J. Forman. Regulation of glutathione synthesis in oxidative stress. RePORTER Database National Institutes of Health. 1997. #volume#:#pages#
Henry J. Forman. Regulation of glutathione synthesis in oxidative stress. RePORTER Database National Institutes of Health. 1998. #volume#:#pages#
E. Fosslien. Role of mitochondrial dysfunction in the etiology of Parkinson's disease. Annals of Clinical and Laboratory Science. 2011. 41:404
T. S. Foster. Physiological and biological effects of pesticide residues in poultry. Residue Rev. 1974. 51:69-121
E. Fournier. Toxicity of pesticides to humans. Pathological effects of acute oral and chronic exposures to pesticides in man. Bull. Soc. Zool. Fr.. 1974. 99:39-48
B. A. Brooks R. E. Fowler. Effects of the herbicide paraquat on the ultrastructure of mouse kidney. American journal of pathology. 1971. 63:505-520
L. E. E. Frank. Protection against hyperoxidant induced lung damage. RePORTER Database National Institutes of Health. 1985. #volume#:#pages#

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Background: Augmented vascular oxidative stress is central for the development of atherosclerosis, restenosis, transplan
This project will evaluate the properties of a novel glutathione peroxidase enzyme that is considerably enriched in lungs.
This project will evaluate the properties of a novel glutathione peroxidase enzyme that is considerably enriched in lungs.
[unreadable] DESCRIPTION (provided by applicant): In accordance with the goals set forth by NIEHS, this project seeks to
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Biosis copyright: biol abs. rrm review food residue analytical method detection chromatography environment
The Prasinophyceae is one of the most ancient groups within the green lineage. <i>O. tauri</i> and <i>O. lucimarinus</i> belong to Pra
BIOSIS COPYRIGHT: BIOL ABS. Studies were performed to test the hypothesis that urethane-induced murine lung tumors
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Glutathione (GSH) is an essential component of antioxidant defense. Oxidative stress generated by quinones elevates sy
Glutathione (GSH) is an essential component of antioxidant defense. Oxidative stress generated by quinones elevates sy
The objective of this review is to analyze the role of mitochondrial dysfunction in the pathogenesis of motor defects and
EIS: Epidemiology Information System
PESTAB. Organochlorine and organophosphate pesticides have significantly different acute toxicities (mainly seen after i
Paraquat was administered in the drinking water of mice at 4 dose levels for various periods of time. In the kidney induct
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L. E. E. Frank. Protection against hyperoxidant induced lung damage. RePORTER Database National Institutes of Health. 1986. #volume#:#pages#
L. E. E. Frank. Protection against hyperoxidant induced lung damage. RePORTER Database National Institutes of Health. 1987. #volume#:#pages#
L. E. E. Frank. Protection against hyperoxidant induced lung damage. RePORTER Database National Institutes of Health. 1988. #volume#:#pages#
L. Summerville J. Frank. Prolonged survival after paraquat: role of antioxidant lung enzymes. Fed. Proc. Fed. Am. Soc. Exp. Biol.. 1017. 39:#pages#
L. Summerville J. Frank. Prolonged survival after paraquat role of anti oxidant lung enzymes. 64th Annual Meeting of the Fed. Am. Soc. Exp. Biol., Anaheim, Calif., USA, Apr. 13-18, 1980. Fed Proc. 1980. 39:ABSTRACT 3947
D. Cid A. Torres E. Orosa M. Herrero C. Franqueira. A comparison of the relative sensitivity of structural and functional cellular responses in the alga Chlamydomonas eugametos exposed to the herbicide paraquat. Archives of Environmental Contamination and Toxicology. 1999. 36:264-269
Elaine R. Frawley. Citrate and Metal Efflux by IceT. RePORTER Database National Institutes of Health. 2014. #volume#:#pages#
Elaine R. Frawley. Citrate and Metal Efflux by IceT. RePORTER Database National Institutes of Health. 2015. #volume#:#pages#
A. Fredriksson M. Eriksson P. Fredriksson. Neonatal exposure for mptp and paraquat alter behavior and biochemistry in adult mice. Eighth International Neurotoxicology Conference on the Role of Toxicants in Neurological Disorders, Little Rock, Arkansas, USA, October 1-4, 1990. Neurotoxicology (Little Rock). 1991. 12:133
Jonathan H. Freedman. NTP MediumThroughput C. elegans Screening Facility. RePORTER Database National Institutes of Health. 2012. #volume#:#pages#
Jonathan H. Freedman. NTP MediumThroughput C. elegans Screening Facility. RePORTER Database National Institutes of Health. 2013. #volume#:#pages#
I. Willson R. L. Hill H. A. O. Fridovich. Oxygen free radicals and tissue damage. #journal#. 1979. #volume#:#I-VIII+381 p.
D. M. Fry. Reproductive effects in birds exposed to pesticides and industrial chemicals. Environmental Health Perspectives. 1995. 103:165-171
T. Watabe Y. Watanabe K. Sakurai H. Fujiwara. Effects of growth conditions and paraquat treatment on antioxidative enzymes in the green alga Chlamydomonas reinhardtii. Photosynthesis: Mechanisms and Effects, Vols I-V. 1998. #volume#:#2143-2146
M. Komatsu S. Nakagawa T. Arakawa H. Inoue S. Masuda H. Kamisaka Y. Ida T. Fujiwara Y. Furuya. A case of autopsy of a man intoxicated by paraquat dichloride. Nippon Naika Gakkai Zasshi. 1980. 69:371-372
C. Q. Yang G. Y. Guo Y. C. Zhao Y. L. Yang C. P. Gao. Overexpression of ThGSTZ1 from Tamarix hispida improves tolerance to exogenous ABA and methyl viologen. Trees-Structure and Function. 2016. 30:1935-1944
R. Soria M. L. Gimenez M. P. Menendez M. Repetto M. Garcia-Repetto. Deaths from pesticide poisoning in Spain from 1991 to 1996. Veterinary and Human Toxicology. 1998. 40:166-168
I. B. Dawson A. H. Gawarammana. Peripheral burning pain predicts higher plasma paraquat levels and mortality in paraquat poisoning. Clinical Toxicology. 2009. 47:488
W. Ma H. Zhang Y. Han X. Ren J. Ge. Cardiac-specific overexpression of catalase prolongs survival and attenuates paraquat-induced myocardial contractile dysfunction. FASEB Journal. 2010. 24:#pages#

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3947 of the annual meeting of the Fed. Am. Soc. Exp. Biol.] (Author abstract by permission)
Heep copyright: biol abs. abstract rat bacterial endo toxin metabolic-drug super oxide dis mutase catalase glutathione peroxidase
The effect of the herbicide paraquat on the freshwater microalga Chlamydomonas eugametos was studied in function of
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DESCRIPTION (provided by applicant): Salmonella enterica serovar Typhimurium (S. Typhimurium) is a model enteric pathogen
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Currently, there are over 80,000 chemicals in use and approximately 2000 new chemicals are introduced into use every year
Currently, there are over 80,000 chemicals in use and approximately 2000 new chemicals are introduced into use every year
The electronic properties of dioxygen are discussed with reference to its reactions in biological systems. The involvement of
BIOSIS COPYRIGHT: BIOL ABS. Environmental contamination by agricultural chemicals and industrial waste disposal results in
PESTAB. A 36-yr-old man was admitted to the hospital 3 days after attempting suicide by ingesting paraquat and warfarin
Molecular analysis of a zeta subfamily GST gene from T. hispida involved in ABA and methyl viologen tolerance in transgenic
BIOSIS COPYRIGHT: BIOL ABS. Data on 184 deaths from pesticide poisonings that occurred in Spain from 1991 to 1996 have
Objective: Self poisoning with paraquat has a case fatality ratio (CFR) over 65% in Sri Lanka. To date, the best prognostic factor
Paraquat, a quarternary nitrogen herbicide, is highly toxic for humans and animals via generation of reactive oxygen species

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